

S/048/62/026/002/009/032
B101/B102

AUTHORS: Bakhmat, A., Belogurov, V., Gromov, K., Zhelev, Zh., and Pelekis, L.

TITLE: Study of the Eu¹⁴⁸ gamma spectrum

PERIODICAL: Akademiya nauk SSSR. Izvestiya. Seriya fizicheskaya, v. 26, no. 2, 1962, 217 - 220

TEXT: Eu¹⁴⁸ was chromatographically separated from the rare earths obtained by bombarding a tantalum target with 660-Mev protons in the Dubna synchrocyclotron. The measurements were made with a scintillation coincidence spectrometer and a 50-channel analyzer. The following relative intensities were found:

Gamma-energy, kev	Relative intensity	Gamma-energy, kev	Relative intensity
1600	15 ± 5	~830*	12 ± 6
~1450*	4	725	22 ± 7
1330	8 ± 3	630	100 ± 20
~1200*	2	550	100
1030	14 ± 5	415	9 ± 4
920	20 ± 7		

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Study of the Eu¹⁴⁸ gamma spectrum

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* was found by spectrum analysis. The 830-kev line may be due to a Eu¹⁴⁷ impurity. From the equal relative intensities of 550- and 630-kev gamma rays in the single spectrum and on coincidence with 725-, 920-, 1030-, 1330-, and 1600-kev rays it is concluded that the 415-, 725-, 920-, 1030-, 1330-, and 1600-kev gamma quanta are in a cascade with the 550- and 630- kev quanta, and that there occur no transitions to the 550-kev level with intensities comparable to those of the transitions mentioned above, except the 630-kev transition. The recording of summated spectra (summation on coincidence) indicated a distinct peak of the sum 630 + 550 - 1180 kev, and confirmed that the cascade contained 630 and 550-kev gamma quanta. The coincidence measurements suggest that levels with \sim 2510 and \sim 2780 kev are excited in the Eu¹⁴⁸ decay (Fig. 4). There are 4 figures, 3 tables, and 6 references: 3 Soviet and 3 non-Soviet. The three references to English-language publications read as follows: Schwerdtfeger, C. F., Funk, E. G., Mihelich, J. W., BAPS, 5, 425 (1960); Bhattacherjee, S. K., Baldev Sahai, Baba, C. V. K., Nucl. Phys., 12, no. 4, 356 (1959); Eldridge, I. S., Lyon, W. S., Nucl. Phys., 23, no. 1, 131 (1961).

Card 2/3

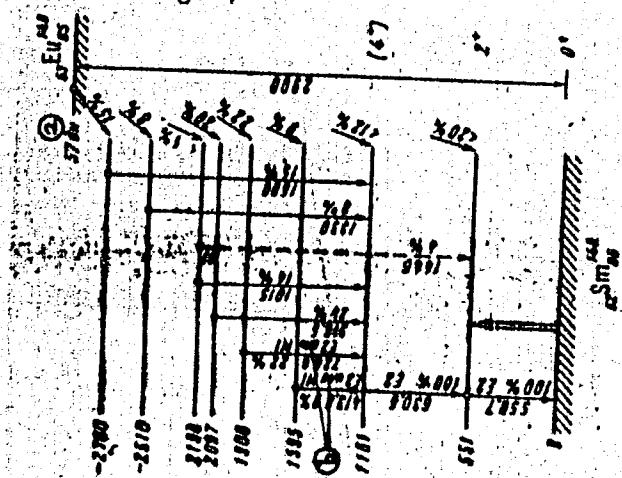
Study of the Eu¹⁴⁸ gamma spectrum

8/048/62/026/002/009/032
B101/B102

ASSOCIATION: Institut fiziki Akademii nauk LatvSSR (Institute of Physics of the Academy of Sciences LatvSSR). Ob"yedinennyj institut yadernykh issledovaniy (Joint Institute of Nuclear Research)

Fig. 4. Eu¹⁴⁸ decay.

Legend: (a) days;
(b) or.



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ACCESSION NR: AP4024046

8/0048/64/028/002/0252/0256

AUTHOR: Wang,Ch'u'an-p'eng, Gromov,K.Ya.; Zhelev,Zh.; Kuznetsov,V.V.; Ik, Ma Zhao; Muziol', G; Novgorodov, A.F.; Han, Shu-Jun; Khalkin, V.A.

TITLE: Positrons in decay of Yb¹⁶⁷ [Report, Fourteenth Annual Conference on Nuclear Spectroscopy held in Tbilisi 14 to 22 Feb 1964]

SOURCE: AN SSSR. Izvestiya Seriya fizicheskaya, v.28, no.2, 1964, 252-256

TOPIC TAGS: positron spectrum, positron decay, γ -ray spectrum, log ft, transition matrix element, superfluid nuclear model, deformed nucleus, Yb¹⁶⁷, Tm¹⁶⁷

ABSTRACT: The principal purpose of the present study was to determine the log ft value for the decay of Yb¹⁶⁷ to the 232.7 keV level of Tm¹⁶⁷. The log ft value calculated by other investigators for the transition from the 5/2⁻[523] (ground state) of Yb¹⁶⁷ to the 7/2⁻[523] state of Tm¹⁶⁷ on the basis of the Yb¹⁶⁷-Tm¹⁶⁷ mass difference is about 3.8, which is significantly lower than the usually observed log ft values. It is of particular interest to obtain the precise experimental value of log ft for this transition in view of the fact that the experimental values of the matrix elements for transitions of this type can serve for verification of the so-

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ACCESSION NR: AP4024046

called superfluid model of deformed nuclei. The Yb¹⁶⁷ for the measurements was separated from the lutetium fraction obtained by separation of the rare earth extracted from a tantalum target bombarded with 660 MeV protons for 2 hours in the internal proton beam of the Joint Institute for Nuclear Research synchrocyclotron. In view of the repeated rapid separation procedure employed, the source consisted primarily of Yb¹⁶⁷ with a small admixture of Yb¹⁶⁹; this last could not significantly affect the results in view of its longer lifetime and different mode of decay. In addition to the positron spectrum, there was also investigated the γ -ray spectrum of Yb¹⁶⁷; a number of lines not previously detected were observed, but in the main, the spectrum agrees with that published by R.G.Wilson and M.Pool (Phys.Rev.120,1296, 1960). The Kurie plot of the β -spectrum is nearly a straight line showing an end-point energy of 650 keV. The log ft value for the transition of interest was calculated on the basis of decay period (17.3 ± 0.2 min), the disintegration energy (1670 ± 30 keV), and the branching ratio. The value obtained for log ft is $4.74^{+0.07}_{-0.08}$. This value is consistent with the log ft values for analogous transition in odd deformed nuclei; actually the accurate experimental value is known for only one other decay; the others are only approximate. The decay scheme for Yb¹⁶⁷ is shown.
Orig.art.has: 3 figures and 3 tables.

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ACCESSION NR: AP4024048

ASSOCIATION: none

SUBMITTED: 00Aug83

DATE ACQ: 08Apr84

ENCL: 00

SUB CODE: NS

NR REV Sov: 006

ORDER: 004

Card 3/3

ZHAKETU, ZH.

23

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630010-9"

ZHELEV, Lt.

4-240

- 11
1. **Social, Economic and Scientific Report**, No. 5, 1963
"The Role of the Auxiliary Medical Workers in the
Struggle against Tuberculosis and Leprosy", Dr. Sh.
K. Slobodchikov, Director of the Scientific Research
Institute of Nutrition, Ministry of Agriculture and Livestock
Industry, pp. 12-15.
2. **Practical and Theoretical Dr. A. V. Kholodov and Dr. G.
Kharchenko (USSR: Biomedicinal Institute of
Pathobiology) pp. 27-32.**
3. **Carrying Injured and Sick People with the Help of an
Ambulance, Dr. O. K. Kuznetsov, President (President) of the
Central Committee Board of the Planning Department,
Services at the Central Union of the Students and Young
Communist Universities (USSR: Ministry of Education
Society and Students' Affairs, Balkanskaia Committee
District) pp. 30-31.**
4. **Practical Therapeutic Methods and Plans, Including
Sedatives (Anesthetic), Dr. V. M. Nefedov, et
al., The Biological, Pharmaceutical, Chemical (USSR:
Pharmaceuticals, Publishing House of the Scientific Research
Institutes of Medicine (GIPPI)) pp. 30-31.**
5. **Wounded Children in Pediatric Therapeutics and Pro-
phylactic Institutions, V. A. Kuklin, M. D., and
B. N. Kozhukh, Editor-in-Chief, The Scientific Research
Institutes of Medicine (GIPPI), pp. 30-31.**
6. **With Dairy Products in the Villages of the Russ.
Republic and Villages, Dr. I. A. Mironov pp. 35-36.**
7. **Who Pays of District Nurses and Their Work with
District Patients in Creating Patients at Home,
Dr. Peter Ivanov, Head (Overseer) of the Internal
Medical Department of the City Hospital (Voronezh
Oblast), Novocheboksarsk, Volga, pp. 30-31.**

ZHELEV, Zh.

Bulgaria

Academic degree not given

Scientific Research Institute for Pediatrics in Sofia
(Nauchno-izsledovatelski institut po pediatriya -
Sofia); director: Dotsent St. KOLAROV.

Sofia, Pediatriya, supplement of Suvremenna Meditsina,
No 3, 1962, pp 19-27.

"Cholesterol Studies of Rachitic Infants"

Co-author:

VICHEV, Evgeni, Scientific Research Institute for
Pediatrics in Sofia.

ZHELEV, Zh.

Our experience with the treatment of congenital fragilitas
ossum. Khirurgiia 15 no.4:356-361 '62.

1. Vissh meditsinski institut "I.P. Pavlov" - Plovdiv. Klinika
po ortopediia i travmatologija Direktor: dots. B. Khadzhistamov.
(OSTEOGENESIS IMPERFECTA ther)

TSOCHEV, Minko, nauchen sutrudnik; ZHELEV, Zhivko, inzh.

Determining optimum revolutions of Chinese ring spinning
frames for fine yarns. Tekstilna prom 12 no. 6: 2-4 '63.

1. Nauchnoizsledovatelski institut po tekstilna promishlenost
(for Tseochev).
2. Gl. inzhener pri DIP "Bulgariia" (for Zhelev).

ZHELEV, Zhivko, inzh.

Organization for laboratory control at the "Bulgariia" State
Industrial Enterprise in Sofia. Tekstilna prom 10 no. 5:33-34
'61.

L 26653-66 EWT (a) DIAAP JD/JG

ACC NR: 1P/CDW 14

SOURCE CODE: 1P/CDW/165/020/012/2239/2242

AUTHOR: Gromov, K. Ya.; Zhelev, Zh.; Kun, Syan-Tzin; Muziol', I.; Shan', Shu-Zhun'...

ORG: none

TITLE: ¹⁹ Positron decay of Eu sup 147 [This paper was presented at the 15th Annual Conference on Nuclear Spectroscopy and the Structure of the Atomic Nucleus, held in Minsk from 25 January to 2 February 1965]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 12, 1965, 2239-2242

TOPIC TAGS: radioactive decay, positron, europium, nuclear spectroscopy, gadolinium, tantalum, synchrotron, proton, isotope, gamma spectrum, scintillator

ABSTRACT: The predicted $\text{Eu}^{147} \rightarrow \text{Sm}^{147}$ decay energy implies positron emission during decay. The purpose of this paper is to establish experimentally the Sm^{147} level terminating the beta⁺ decay of Eu^{147} . The sample was obtained by repeated extraction of Eu from the Cd fraction from a tantalum target that had been irradiated with 660 Mev protons in the Dubna synchrotron and by repeated purification from gadolinium. The sample was stored for 1 month to rid it of Eu^{149} and Eu^{146} .

A triple-coincidence scintillator was used to measure the coincidence of the 511-511 kev gamma quanta and the quanta of the entire gamma spectrum. The construction and operation of the scintillator is described in detail.

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L 26653-66

ACC NR: AP6017119

4

and its block diagram is shown. Two angular geometries for the orientation of the detector were used, and measurements made with these configurations are compared.

Peaks were found at 120 and 200. According to calculations, the intensities of the beta⁻ transitions to ground state, 121, and 198 kev were 0.15 ± 0.07 , 0.10 ± 0.03 , and $0.13 \pm 0.04\%$ respectively, per event. Results are compared in detail with those of other authors. The schematic of Eu¹⁴⁷ to the 0, 121, and 198 levels of Sm¹⁴⁷ is shown.

The authors thank V. G. Kalinnikov and V. I. Nikitin respectively for valuable discussions and assistance in making the measurements. The authors also further thanks to N. A. Lebedev and V. A. Khaldin for preparing the ill. (rig. art. has: 3 figures and 2 tables. [JPRS])

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 006 / OTH RIF: 006

Card 2/21

GROMOV, K.Ya.; DZHELEPOV, B.S.; ZHELEV, Zh.T.; KUDRYAVTSEVA, A.V.

Study of β^+ -spectra and conversion electron spectra in Tb¹⁵².
Izv. AN SSSR. Ser. fiz. 25 no.9:1084-1087 '61.

(MIRA 14:8)

1. Ob'yedinennyy institut yadernykh issledovaniy i Leningradskiy
gosudarstvennyy universitet im. A.A. Zhdanova.

(Terbium—Spectra)

(Internal conversion(Nuclear physics))

ZHELEV, Zh.

Our experience in operative treatment of collateral ligaments
of the knee joint. Folia med. (Plovdiv) 6 no.3:194-198 '64

1. Higher Medical Institute "I.P.Pavlov", Plovdiv, Bulgaria,
Chair of Orthopedics and Traumatology (Chieft Prof.
B. Hadjistamov).

PAVLOV, G.; GANZUREV, G.; DZHEROVA, N.; ZHELEVA, A.; NIKOLOVA, D.;
KHITSOV, Kh.; VLASEV, K.; BOIAZHIEV, Zh.; OBREIKOV;
NEDEV, B.; PACHNIKOV, I.

Statistical data on results of various therapeutic methods
in joint tuberculosis of the extremities. Khirurgia 15 no.2/3:
167-169 '62.

(TUBERCULOSIS OSTEOARTICULAR surg)

L 26694-66 EWT(b) DIAAP JD/JG
ACC NR. AP6016826

SOURCE CODE: UR/0367/65/002/005/0783/0793

AUTHOR: Gromov, K. Ya.; Zhelev, Zh. I.; Zvol'ska, V.—Zvol'ska, V.; Kalinnikov, V. O.
ORG: Joint Institute of Nuclear Research (Ob'yedinnennyj institut jadernykh issledovanij); Zvol'ska Prague Institute of Nuclear Research (Przhahskiy institut jadernykh issledovanij)

TITLE: Decay of Er sup 161

SOURCE: Yadernaya fizika, v. 2, no. 5, 1965, 783-793

TOPIC TAGS: radioactive decay, positron, erbium, holmium, spectrometer, electron spectrum

ABSTRACT: Positron radiation of Er¹⁶¹ ($E_0 = 820 \pm 40$ kev) was observed with a triple-focusing magnetic spectrometer. Data are presented for the conversion electron spectrum and the multipolarity of certain transitions in the Ho¹⁶¹ nucleus. The Er¹⁶¹ → Ho¹⁶¹ decay-scheme is determined and presented. The 1897 and 1943 kev levels are interpreted as three-quasi-particle states. The authors express deep thanks to A. V. Kudryavtseva for the help on the work and to N. I. Pyatov and V. M. Mikhaylov for checking the decay-scheme. Orig. art. has: 5 Figures and 2 tables. JINR

SUB CODE: 20 / SUBM DATE: 09Apr65 / ORIG REF: 011 / OTH REF: 010
SOV REF: 012

Card 1/1 BLG

L 26653-66 EWT(m) CIAAF J.D. JR

ACC NR: AP6017114

SOURCE CODE: UR/0048/65/029/012/2235/2238

AUTHOR: Gromov, K. Ya.; Zhelev, Zh. T.; Kalinnikov, V. G.; Kuznetsov, V. V.;
Kun, Syan-tsain'; Muziol, G.; Han', Shu-zhun'; Khalkin, V. A.

65

B

ORG: none

TITLE: Positrons in Gd sup 147 decay [This paper was presented at the 15th Annual Conference on Nuclear Spectroscopy and the Structure of the Atomic Nucleus, held in Minsk from 25 January to 2 February 1965]

SOURCE: AN SSSR. Izvestiya. Seriya fizicheskaya, v. 29, no. 12, 1965, 2235-2238

TOPIC TAGS: positron, gadolinium, spectrometer, scintillation spectrometer, tantalum, europium, gamma spectrum, isotope, radioactive decay

ABSTRACT: The positron emission of Gd¹⁴⁷ is studied with a scintillation spectrometer and a triple-focussing beta spectrometer. The gadolinium sample was extracted from a tantalum target that had been irradiated for 2 hours at 660 Mev. The purpose of this work was to determine the Eu¹⁴⁷ levels that are populated by positron decay of Gd¹⁴⁷. This is done by studying the triple coincidence of the 511-511 kev gamma quanta and the quanta of the entire gamma spectrum. The equipment used is diagrammed in the following paper (in the same journal).

Triple coincidence spectra are plotted for two geometries of the detectors. The lone peak at 230 kev leads the authors to assume that a

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L 26659-66

ACC NR: AP6017114

large fraction of the positrons populates the 229 kev level. The remainder
is shown to go to ground state. The schematic diagram of Cd¹⁴⁷ Eu¹⁴⁷ is
shown. Orig. art. has 4 figures and 1 formula. [JPRS]

SUB CODE: 20 / SUBM DATE: none / ORIG REF: 012 / OTH REF: 003

Card 2/2 B1Q

8/194/61/000/012/074/097
D273/D301

AUTHORS: G"l"bov, S., Zheleva, M. and Danov, At.

TITLE: Experiments on preparing the triple vaccine TAB by an ultrasonic method

PERIODICAL: Referativnyy zhurnal, Avtomatika i radioelektronika, no. 12, 1961, 18, abstract 12E96 (zv. Mikrobiol.in-t B"lg. AN, 1960, 12, 71-78)

TEXT: Experimental methods are described using an ultrasonic method for preparing the triple vaccine (T) TAB, an inoculative preparation serving as a culture for three organisms: Typhoid and paratyphoid fever A and B. Preparation of T was carried out with vaccinal growths of several types (3) of each of these organisms. Originally, the properties of the vaccinal growths were studied, from which microbe suspensions were prepared. In order to compare the results of ultrasonic method of inactivation with existing methods, each growth was divided into 3 parts: One part was sounded, another was treated by 0.3% formalin, the third was heated for

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Experiments on preparing ...

S/194/61/000/012/074/097
D273/D301

60 minutes at 800 Kc/s at an acoustic intensity of 10 volts/cm² at the transmitting surface of the vibrator. The morphologic and serologic properties of the growths were checked. The immunity and toxicity of the suspensions and T were studied. Investigation of immunity was carried out on mice. The sounded suspensions in comparison to the formalin preparation or the heated preparation have increased immunity. T sounded with subsequent heating in comparison to the heated one only has a decrease in immunity. T sounded with subsequent treatment by formalin compared to the only one treated by formalin has increased immunity. 4 tables. 14 references. / Abstractor's note: Complete translation. 7

Card 2/2

L 18837-63

BDS/EWA(b)

Pa-4

B/2507/62/014/000/0157/0161

ACCESSION NR: AT3003354

56

AUTHOR: Galabov (Gal'bov), S., Jaleva (Zhaleva), M., Danov (Danov), At.

55

TITLE: Studies on the effect of ultrasound on the O-antigen of Salmonella typhi

SOURCE: B"lgarska akademiya na naukite. Mikrobiologicheski institut. Izvestiya, v. 14, 1962, 157-161

TOPIC TAGS: Salmonella, O-antigen, ultrasound, antigen composition, bacteria

ABSTRACT: O-antigen obtained from Salmonella typhi strain by Boivin method was exposed for 2 hours to ultrasound 800 KC, 10 W; antigenicity and pyrogenicity in rabbits, immunologic properties in mice as well as immunolectrophoresis and paper chromatography tests were made comparing the ultrasound-treated antigen with unirradiated specimen. There were no essential differences in the *in vivo* tests and only the immunolectrophoresis (Ouchterlony) test indicated that

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L 18837-63

ACCESSION NR: AR3003354

there was some molecular disintegration induced by the irradiation. Orig. art.
has: 2 tables.

ASSOCIATION: Mikrobiologicheski institut (Institute of Microbiology) of BAN

SUBMITTED: 15Nov61

DATE ACQ: 14Jun63

ENCL: 00

SUB CODE: BC

NO REF SOV: 001

OTHER: 009

Card 2/2

L 34507-66 T JK

ACC NR. AP6024753

SOURCE CODE: BU/0011/65/018/010/0959/0962

AUTHOR: Shkenderov, S.; Zlatev, V.; Zheleva, M.

21
B

ORG: Research Institute for State Control of Medical Preparations

TITLE: Effect of repeated lyophilization in three protective media on the viability and properties of Staph. aureus 209

SOURCE: Bulgarska akademiya na naukite. Doklady, v. 18, no. 10, 1965, 959-962

TOPIC TAGS: freeze drying, oxygen consumption, bacteriology, bacterial antigen, immunology, bacteria

ABSTRACT: The process of freeze drying of the microorganisms is accompanied by a number of changes in their cultural, biochemical, antigenic, and immunologic properties (see, e.g., A. German et al., Ann pharm. franc., 19, 1961, 5). It is necessary to combine certain conditions in order to reduce these changes. A peculiar role in these conditions is played by the protective medium in which the microorganisms are suspended during the lyophilization. The authors compared the effect of lyophilization on certain biochemical and biological properties of Staph. aureus 209 suspended in three protective media. The changes studied occurred in the strain in the process of repeated lyophilization with rehydration between the stages and without intermediate cultivation. The protective media used were: skimmed cow's milk with eutectic point-19°C, the Blankov-Subotina medium (5% sodium glutamate and 5% dextrose) with

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0915 2587

L 34507-66

ACC NR: AP6024753

eutectic point -21°C. Results presented in the form of comprehensive tables show that cells which have survived repeated lyophilization are more resistant to storage in a dried state. Other data point to increased oxygen consumption in the process of lyophilization. There are no antigenic changes in the strain after lyophilization. This paper was presented by Corresponding Member RAN A. Toshkov on 1 July 1965. Orig. art. has: 2 figures and 2 tables. [Orig. art. in Eng.] [JPRS: 34,903]

SUB CODE: 06 / SUBM DATE: none / SOV REF: 006 / OTH REF: 013

Card 2/2 MJS

ZHELEVA, M.; ANGELKOVA, E.

A contribution to study of tyroglyphid fauna in Bulgaria.
Godishnik biol 56 no.1:141-149 '61-'62 [publ. '64].

1. Chair of Invertebrate Zoology of the Faculty of Biology,
Geography, and Geology of the University of Sofia, Sofia (Head
of the Chair: Prof. G.Kozarov).

ZHELEVA, M.

Some new species of Oribatei (Acari) for the fauna of Bulgaria.
Pt.2. Godishnik biol 57 no.1:93-98 '62-'63 [publ. '64].

1. Chair of Invertebrates Zoology of the Faculty of Biology,
Geography, and Geology of the University of Sofia, Sofia (Head
of the Chair: Prof. G.Kozarov).

ZHELEVA, M.

Uninvited guests. Prir i znanie 17 no.9:3-4 N '64.

ZHELEVA,
CSISZAR, J.; JELEVA, M.

Oribatid mites (Acari) from Bulgarian soils. Acta zool Hung 8
no.3/4:273-301 '62.

1. Zoosystematical Institute of the L.Eotvos University of
Science, Budapest (Direktor: Prof. Dr. Endre Dudich), and Chair
of Invertebrate Zoology of the University of Sofia "Kliment
Ochridski" (Direktor: Prof. Dr. G. Kosarov).

L 14028-66

ACC NR: AP6002019 FA SOURCE CODE: UP/0288/ER/903/0151/0154

AUTHOR: Kalyatskiy, I. I.; Dul'zon, A. A.; Zhelezchikov, B. P.

ORG: Tomsk Polytechnic Institute (Tomskiy politekhnicheskiy institut)

TITLE: Distortion of high-voltage unipolar impulses in a coaxial cable

SOURCE: AN SSSR. Sibirsckoye otdeleniye. Izvestiya. Seriya tekhnicheskikh nauk, no. 3, 1965, 151-154

TOPIC TAGS: electric impulse, coaxial cable, electric power cable

ABSTRACT: The results of an experimental investigation of attenuation and distortion of the impulses propagating in a hard-insulation coaxial cable are reported. A 530-m length of RK-103 polyethylene-insulated cable was tested with impulses having a front duration between 7.5 nsec and 0.6 μ sec. These tests showed that: (1) A corona with gradients up to 50 kv/mm does not essentially change the attenuation and distortion of the impulse; (2) Calculation of attenuation and distortion of impulses having the above voltage gradient can be performed by the same methods which are used for such calculations in the no-corona case. "The authors wish to thank Professor D. V. Razevig for his advice." Orig. art. has: 4 figures.

SUB CODE: 09 / SUBM DATE: 15Feb65 / ORIG REF: 019 / OTH REF: 003

Card 1/1

ZHELEZNOV, B.I. !

Uterine sarcomas. Sov. med. 25 no.5:307 My '61. (MIRA 14:6)

1. Iz nauchno-issledovatel'skogo instituta akusherstva i ginekologii
(dir. - prof. O.V.Makayeva) Ministerstva zdravookhrameniya RSFSR,
Moskva.

(UTERUS—TUMORS)

БЪЛГАРСКА РЕПУБЛИКА СБРС АД. 1946. 2/2 ВАРИАНТ АЧК. 26

3059. ZHELESNOV B. I. *Brenner tumours of the ovary (Russian text)* Akad. i Ginek.
1956, 4 (78-82) Illus. 5

The ovarian tumour of the Brenner type is the rarest of the benign tumours and can be encountered at any age. Usually it is unilateral. It varies in size - sometimes reaching the size of an adult's head. It often appears simultaneously with another type of tumour in the same ovary, most often with a pseudomucinous cystoma. Its histogenesis is not yet known. It may originate from the surface epithelium of the ovary or from the Walchard's islands. Four cases are described: one in combination with a pseudomucinous cyst, 2 with myoma of the uterus and one bilateral.

Ganev - Sofia

ZHELESTOV, A.D.

Operations of a composite tanker "Zelenodol'sk" - "Kolyma."
Rech. transp. 18 no. 4:44-45 Ap '59. (MIRA 13:1)

1.Kapitan teplokhoda "Zelenodol'sk."
(Tank vessels)

ZHELESNYAKOV, V. V.

"To the Theory of Sporadic Radioemission of Planets,"

with GINZBURG, V. L., "About the Possible Mechanisms of Sporadic
Radioemission of the Sun,"

papers submitted for the Symposium on Radio Astronomt, 30 Jul - 6 Aug 58, Paris

ZHELETSOV, N.N.

LEONTOVICH, M.A., akademik, redaktor; GORELICK, M.T., professor, redaktor;
AYZERMAN, M.A., doktor tekhnicheskikh nauk, redaktor; GINZBURG, V.A.,
professor, redaktor; GORELICK, G.S., professor, redaktor; LEONTOVICH,
ANDRONOVA, Ye.A., dotsent, redaktor; ZHELETSOV, N.A., dotsent, redak-
tor; PETROV, V.V., kandidat tekhnicheskikh nauk, redaktor; NIKOLAYEV,
Ya.N., dotsent, redaktor; AGITOVA, N.A., redaktor; ERYLEYEV, A.M.,
redaktor; ALEKSEYEV, T.V., tekhnicheskiy redaktor.

[Dedicated to the memory of Aleksandr Aleksandrovich Andronov] Pamiati
Aleksandra Aleksandrovicha Andronova. Moskva, 1955. 718 p.
(MIRA 8:4)

1. Akademiya nauk SSSR.
(Mathematical physics)(Automatic control)(Astrophysics)

KALEV, Liubomir, dots. d-r inzh; ZHELEV, Aleksandur, as. inzh.

Determining inclination of metals to the forming and
spreading of hot cracks. Tekhnika Bulg 12 no.7:9-12
'63.

1. Mashinno-elekrotekhnicheski institut, Sofiia.

BULGARIA / Soil Science. Physical and Chemical Properties of Soils. J

Abs Jour: Ref Zhur-Biol., No 21 ,1958, 95683.

Author : Zhelev, Avram., Staykov, Georgi.

Inst : Not given.

Title : Study of Structural Formation of Soil Under Some Annual Crops and Their Mixtures.

Orig Pub: Selskostop. misol, 1957, 2, No 3, 183-185.

Abstract: In the Training and Experimental Farm of the Agricultural Institute in Plovdiv (Bulgaria), on alluvial-meadow weakly-solonetz soil, there were planted: lucerne with tall oatgrass, corn, oats, vetch, vetch-fescue mixture, peas, vetch pea mixture, sudan grass, sudan-lucerne and sudan-pea mixtures. Determination of quantity of water stable aggregates in the soils showed that annual

Card 1/2

BULGARIA / Soil Science. Physical and Chemical Properties of Soils. J

Abs Jour: Ref Zhur-Biol., No 21, 1958, 95683.

Abstract: crops and their mixtures restore the structure of the soil. The best for structural formations were mixtures which included sudan grass. A high percentage of water-stable aggregates were also noted in corn plantings. -- V. S. Shmal'ko.

Card 2/2

BULGARIA/Farm Animals - General Problems.

Q-1

Abs Jour : Rec Zhur - Biol., No 13, 1956, 33315

Author : Dimitrov, D., Zholtov

Inst : -

Title : Use of Antibiotics and Antibiotic Production Waste in Animal Husbandry.

Orig Pub : Khivotnovodstvo i vct. delo, 1957, 11, No 10, 32-37.

Abstract : No abstract.

Card 1/1

BEKESSY, Andras; FAY, Gyula; ZSELEV, Borisz [Zhelev, Boris]

Kinetic law of mass action in connection with surface reactions.
Magy kem folyoir 69 no.1:28-33 Ja '63.

1. Magyar TudomAnyos Akademia Matematikai Kutato Intezete;
Hitechnikai Kutato Intezet.

ZHELEV, I.

"A new dendrometer."

p;37 (Tekhnika, Vol. 6, no. 6, 1957, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

ZHELEV, I.

ZHELEV, I. Universal forest altimeter. p. 310.

Vol. 12, No. 7, Sept. 1956.

GORSKO STOPANSTVO

AGRICULTURE

Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, February 1957

ZHELEV, N. I., Cand Agr Sci -- (diss) "Comparative development of
fine-fiber and ~~medium~~-fiber cotton against the background of the
~~period~~ sowing ~~time~~ in Tashkentskaya Oblast." Tashkent, 1958. 19 pp

(Uzbek Acad Agr Sci, Tashkent Agr Inst), 150 copies (KL, 15-58, 117)

-63-

COUNTRY : Bulgaria D
CATEGORY :
ABS. JOUR. : RZKhim., No. 1959, No. 85836
AUTHOR : Zhelev, Shch.
INST. :
TITLE : Gypsum and Gypsum Deposits of Radnev District

ORIG. PUB. : Godishnik Upr. geol. i minni prouchv., 1956,
(1957), A7, 155-178

ABSTRACT : Gypsum-bearing formations are found in the complex of calcareous Pliocene clays overlying coal. The gypsum is of concretionary origin and was formed from aqueous solutions after the deposition of upper Pliocene stratum. The process of formation continues at the present time in the uppermost strata of Pleocene deposits and in the soil. All underground waters of the district are characterized by elevated content of Ca^{2+} , Mg^{2+} , SO_4^{2-} , H_2SiO_3 and alkalies; concentration of dissolved salts reaches 1.32 g/liter. -- V. Kudryashova.

CARD:

ZHELEV, V., prof.; DYAKOV, L., (Sofiya)

Age-related characteristics of morphological changes in the organs of guinea pigs infected by Mycobacterium tuberculosis bovis. Arkh. pat. no.7:45-48 '64. (MIRA 18:7)

1. Kafedra patologicheskoy anatomii (zav. - prof. V.Zhelev)
Vysshego veterinarnogo instituta, Bolgariya.

ZHELEV, V.

BULGARIA/General Problems of Pathology - Tumors.

T-5

Abs Jour : Ref Zhur - Biol., No 1, 1958, 3160

Author : Zhelev, V., Neychev, O.

Inst : _____

Title : A Case of Pseudomucinous Adenocarcinoma of the Cow's Ovary in Association with a Mucoid Fibroepithelioma (Brenner Tumor)

Orig Pub : Nauch. tr. Viss. veterinarmed. in-t, 1956, 4, 303-308

Abstract : No abstract.

Card 1/1

APPROVED FOR RELEASE: 07/19/2001 Diseases Caused by Viruses and Rickettsiae. R-3
BULGARIA/Diseases of Farm Animals CIA-RDP86-00513R002064630010-9

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64655

Author : Ivanov, Ks., Zhelev, Vl., Trifonov, St.

Inst : Institute of Experimental Veterinary Medicine of the Bulgarian Academy of Sciences, Igarian Sciences.

Title : The Study of the Morphological Changes in Swine Plague in Relation to the Diagnostic Criteria of this Disease.
7. Changes in the Genito-Urinary Organs.

Orig Pub : Izv. In-ta eksperim. vet. med. B"lgar. AN, 1956, 4, 197-
212.

Abstract : The investigation of the genitourinary organs of a considerable number of pigs sacrificed on the 4th-6th day following experimental infection with plague disclosed the presence of microscopic hemorrhages in the uterus and

Card 1/2

BULGARIA/Diseases of Farm Animals - Diseases Caused by Viruses and Rickettsiae. R-3

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64655

ovaries in 11.1%, in the ureters in 8.9%, in the urethra in 26.8%, and in the bladder in 66% of cases. In 57% of cases, macroscopic hemorrhages were detected in the bladder. Histological investigations showed the presence of diffuse or focal lymphoidocytic infiltrates (sometimes also containing lymphocytes, neutrophils, eosinophils and erythrocytes) in the ovaries in 5.5%, in the uterus in 22.2%, in the ureters in 28.5%, in the urethra in 44.7% and in the bladder in 50% of cases. In the mucous membrane of the bladder, ureters and urethra, a desquamation and hyperplasia of the surface epithelium was observed. The authors consider that the above named changes may serve as diagnostic symptoms of the acute plague in swine. The predominant affectability of the bladder is attributed by the authors to the prolonged presence of urine with a high content of the plague virus in it.

Card 2/2

BULGARIA/Diseases of Farm Animals - Diseases Caused by Viruses
and Rickettsiae.

R-3

Abs Jour : Ref Zhur - Biol., No 14, 1958, 64656

Author : Ivanov, Ks., Zhelev, Vl., Yenchev, St.

Inst : Institute of Experimental Veterinary Medicine of the Bulgarian Academy of Sciences.

Title : The Study of the Morphological Changes in Swine Plague in Relation to the Diagnostic Criteria of this Disease.
8. Changes in the Stomach and Intestines.

Orig Pub : Izv. In-ta eksperim. vct. ned. B"lgar. AN, 1956, 4, 213-
231.

Abstract : The authors analyze the results of the investigation of the gastrointestinal tract in 196 pigs sacrificed on the 4th-6th day following experimental infection with plague, and in 19 swine which perished from spontaneous acute plague.

Card 1/2

- 18 -

BULGARIA/Diseases of Farm Animals - Diseases Caused by Viruses and Rickettsiae. R-3

Abs Jour : Ref Zhur - Biol., № 14, 1958, 64656

They observe that in acute plague hyperemia, hemorrhages and lymphoidocytic infiltrates are encountered in the mucosa more often than it is usually accepted. Besides hemorrhagic diathesis, the plague virus of swine also causes the necrotic processes, especially in the glandular part of the stomach and in the ileum, leading to the formation of the impregnated with fibrin, circumscribed, button-like, false membranes or sores. The authors do not consider as characteristic of the swine plague such changes in the large intestine as the inflammation of the terminal part of it, and the eosinophilia in its submucosa.

Card 2/2

"APPROVED FOR RELEASE: 07/19/2001

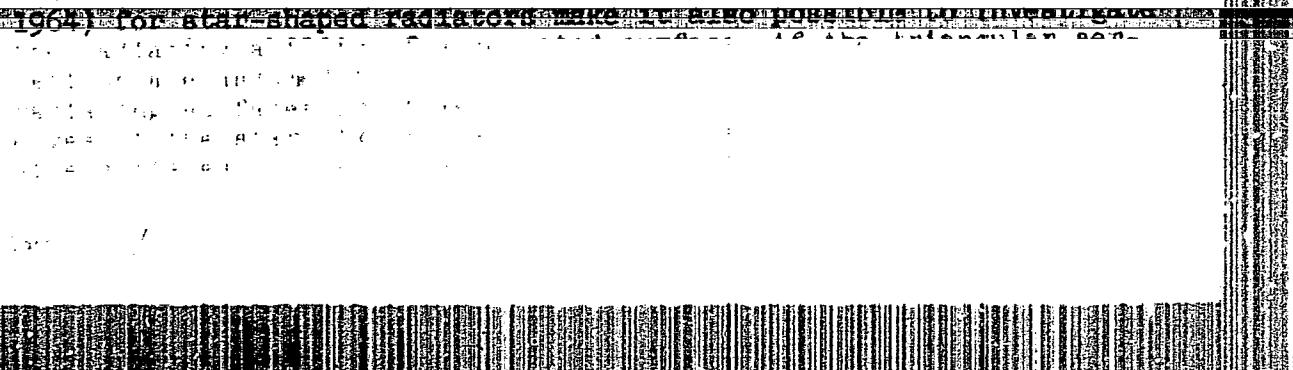
CIA-RDP86-00513R002064630010-9

APPROVED FOR RELEASE: 07/19/2001

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"APPROVED FOR RELEASE: 07/19/2001

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APPROVED FOR RELEASE: 07/19/2001

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HEREIN IS UNCLASSIFIED
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DATE 10-12-2010 BY SP2 100-100

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APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630010-9"

ZHELEV, ZH.

Bego's road. p.33.
KOOPERATIVNO ZEMEDELIE, Sofyia, Vol. 11, no. 4, Apr. 1956.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 5, No. 6 June 1956, Uncl.

GROMOV, K.Ya.; ZHELEV, Zh.T.; ZVOL'SKA, V.; KALINNIKOV, V.G.

Decay of Er-161. IAd. fiz. 2 no.5:783-793 N '65.

(MIRA 18:12)

1. Ob'yedinenyyi institut yadernykh issledovaniy. 2. Sotrudnitsa
Prazhskogo Instituta yadernykh issledovaniy, Chekhoslovakiya
(for Zvol'ska).

ZHELEV, Zh.T.; KALINNIKOV, V.G.; KUDRYAVTSEVA, A.V.; LEBEDEV, N.A.;
MAKAROV, S.P.; MUZIOL', G.; KHERRMANN, E.

The new isotopes Er¹⁵⁷, Ho¹⁵⁷, and Er¹⁵⁶. IAd. fiz. 2
no. 5:956-957 N 165. (MIRA 18:12)

1. Ob'yedinennyy institut yadernykh issledovaniy.

ZHELEV, Z.

"Possibility of Producing Lanolin from Waste Water at Our Textile Factories."

p. 17,
(LEAK PROMISHLENOST, Vol. 3, No. 3, 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

ZHELEV, Z.

Perfume Compositions for Toilet Soaps. LEKA PROMISHLENOST (Light
Industry) 4:36:April 55

ZHELEV, Z.

From the Experience of the Nosov Sugar Combine. LEKA PROMISHLENOST
(Light Industry) 4:39:April 55

ZHELEV, Z.

Concerning the Durability of the Aroma of Perfumes and Perfume Compositions.
Leka Promishlenost (Light Industry), #8:28:August 1955

ZHELEV, Z.

Production of terpineol from Bulgarian turpentine oil, p. 25
LEKA PROMISHLENOST. (Ministerstvo na lekata i khranitelnata
promishlenost) Sofia. Vol. 5, No. 4, 1956.

SOURCE: East European Accessions List (EEAL) Library of
Congress, Vol. 5, No. 11, November 1956

KUTAYAVTSEVA, A. V.

"Investigations of the Positron Spectra of Lu¹⁶⁷, Lu¹⁶⁹, and Lu^{170".}

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

OIYaI, LGU (Joint Inst Nuclear Res; Leningrad State Univ)

GROMOV, K. Ya.; DZHELEPOV, B. S.; ZHELEV, Zh. T.; KALINNIKOV, B. G.; KUDRYAVTSEVA, A. V.
LEFFLEV, N. A.

"Positrons from the Decay of Ho¹⁶⁰."

"Concerning the Decay of Er¹⁶¹."

reports submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

CIYaI, LGU (Joint Inst Nuclear Res; Leningrad State Univ)

SHEVCHENKO, A. Ya.; DZHELEPOV, B. S.; YENCHEV, D. A.; ZHELEV, Zh. T.; KALINNIKOV, V. G.;
ZUDRYAKHSEVA, A. V.

"Investigations of Spectra of Conversion Electrons and Spectra of Positrons
of the Europium Fraction."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

OIYaI, IGU (Joint Inst Nuclear Res; Leningrad State Univ)

GROMOV, K. Ya.; DZHELEPOV, B. S.; ZHELEV, Zh. T.; KUDRYAVTSEVA, A. V.; LEBEDEV, N. A.

"Investigations of the Positron Decay of Tm^{163} ."

report submitted for All-Union Conf on Nuclear Spectroscopy, Tbilisi, 14-22
Feb 64.

OIYaI, LGU (Joint Inst Nuclear Res; Leningrad State Univ)

ZHELEV, ZH.

D

BULGARIA / Cosmochemistry. Geochemistry.
Hydrochemistry.

Abs Jour: Ref Zhur-Khimiya, No 19, 1958, 64061

Author : Yordanov N., Zhelev Zh., Mitrani L.

Inst : Not given

Title : Concerning the Absolute Geological Age of

Magnetite from Vitosha Mountain Determined by

the Helium Method.

Orig Pub: Izv. khim. in-t, Bulg. AN, 1957, 5, 103-112

Abstract: By means of the described method, 2 samples of
magnetite from pegmatitic veins were studied.
Content was: U $6.2 \cdot 10^{-4}$ and $6.5 \cdot 10^{-4}\%$, Th $2.8 \cdot 10^{-3}$
and $2.5 \cdot 10^{-3}\%$, He $4.24 \cdot 10^{-5}$ and $4.14 \cdot 10^{-5}$ ml/g.

Card 1/2
APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R002064630010-9

BULGARIA/Human and Animal Physiology (Normal and Pathological)
Metabolism. Vitamins.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26250

Author : Zhelev, Zh.

Inst : -
 Title : Experimental Study of the Role of Sex Hormones in the
 Pathogenesis of Rachitis

Ori^g Pub : Vopr. pediatr., akusherstv. i ginekol., 1958, 2, No 4,
 3-17

Abstract : Rats weighing 45-60 g. (1,2 and 3 months old) were maintained on rations of Steinbock and Blakes. Some of the rats were castrated, the others received sex hormones (testoviron and progival). The appearance of symptoms of rachitis was controlled by roentgenological and histological investigations of bones and knee joints. Testes of healthy and rachitic animals were subjected to histological investigations. Sex hormones induced

C.

Card 1/2

L 23236-66 EST(m) DIAAP

ACC NR: AR6009155

SOURCE CODE: UR/0367/65/002/005/0956/0957

AUTHOR: Zhelev, Zh. T.; Kalinnikov, V. G.; Kudryavtseva, A. V.; Lebedev, N. A.;
 Makarov, S. P.; Muziol', G.; Khorrmann, E.

ORG: Joint Institute of Nuclear Research (Ob'yedinennyy institut yadernykh issledovaniiy)

TITLE: New isotopes Er¹⁵⁷, Ho¹⁵⁷, and Er¹⁵⁸

SOURCE: Yadernaya fizika, v. 2, no. 5, 1965, 956-957

TOPIC TAGS: erbium, holmium, isotope, half life

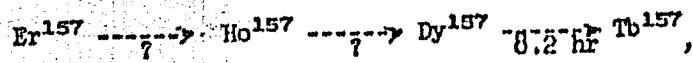
ABSTRACT: The search for new erbium and holmium isotopes was made with the aid of a magnetic β spectrometer with three successive foci and with a scintillation γ spectrometer. The compounds for the investigation were separated chromatographically from a tantalum target bombarded with 660-Mev protons in the OIVAI synchrocyclotron. The chemical separation of the rare earths started approximately ten minutes after the end of the irradiation, and that of the erbium and holmium fractions after two hours. The genealogical connections were investigated in the following proposed chains of decay reaction:

30

B

L 23256-66

ACC NR: AP6009155



The half-lives of Er¹⁵⁷ and Ho¹⁵⁷ were found to be 24⁺²₋₄ and 18⁺²₋₄ minutes, respectively. While the existence of Er¹⁵⁷ and Ho¹⁵⁷ was previously predicted in the literature, no data on the existence of Er¹⁵⁶ have ever been published. The half-life of Er¹⁵⁶ could not be reliably identified, but an upper limit of 10--12 minutes was estimated for it. It is pointed out in the conclusion that observation of the same isotopes was subsequently reported by A. Gizon et al. (Phys. Nucl. Ann. 1964, Inst. du Rad., Paris, April, 1965) with somewhat different values of the half-lives. Orig. art. has: 1 formula.

SUB CODE: 20/ SUBM DATE: 04Jun65/ ORIG REF: 001/ OTH REF: 001

Card 2/2 B1C

GROMOV, K.Ya.; YENCHEV, D.A.; ZHELEV, Zh.T.; ZVOL'SKIY, I.; KALINNIKOV, V.G.;
KUZNETSOV, V.V.; MA-KHO IK; MUZIOL', G.; KHAN' SHU-ZHUN' [Han Shu-jun]

Decay scheme of Tb¹⁵². IAd. fiz. 1 no.4:562-572 Ap '65. (MIRA 18:5)

1. Ob'yedinenyyi institut yadernykh issledovaniy.

VAN FU-TSZYUN! [Wang Fu-chun]; VIZI, I.; GROMOV, K.; DZHELEPOV, B.;
ZHELEV, Zh.; KUDRYAVTSEVA, A.; YAZVITSKIY, Yu.

Decay scheme of Eu¹⁴⁹. Izv. AN SSSR. Ser. fiz. 26 no.1:114-
119 Ja '62. (MIRA 15:2)
(Europium-Decay)

KHADZHISTAMOV, B., Dots.; ZHELEV, Zh.; CHERVENIVANOV, G.; PANTHOVA, I.; GINEV, B.

Basic principles in the treatment of fracture of the ankle. Khirurgiia,
Sofiz 11 no.5-6:499-450 1958.

1. (s razbor na materialite na khirurgichnite kliniki pri VMI I. P.
Pavlov--Plovdiv, za godinete --1955)
(ANKLE, fractures,
surg. (Bul))

KHADZHISTAMOV, B., dots.; ZHELEV, Zh.

A Bulgarian device for skeletal skull traction. Khirurgiia, Sofia
13 no.6: 583-586 '60.

1. Vissz meditsinski institut "I.P.Pavlov," Plovdiv. Klinika po
ortopediia i travmatologii. Direktor: dots. B.Khadzhistamov.
(ORTHOPEDICS equip & supply)
(SPINE fract & disloc)

ZHELEV, Zh.

Observation on 2 cases of synovioma of the knee joint. Khirurgia,
Sofia 14 no.2/3:316-317 '61.

1. Klinika po ortopediia i travmatologii pri visshiiia meditsinski
institut "I. P. Pavlov".

(SYNOVIOMA case reports) (KNEE neopl)

ZHELEV, Zh.

New approach to the knee joint in injuries of the tendon apparatus.
Khirurgiia, Sofia 14 no.2/3:326-327 '61.

1. Klinika po ortopediia i travmatologii.

(KNEE wds & inj)

GRIGOR'YEV, Ye.P.; GROMOV, K.Ya.; DZHELEPOV, B.S.; ZHELEV, Zh.T.;
ZVOL'SKA, V.; ZVOL'SKIY, I.

Decay of $\text{Yb}^{166} \rightarrow \text{Tb}^{166} \rightarrow \text{Er}^{166}$. Izv AN SSSR. Ser. fiz. 25
no.10:1217-1227 0 '61. (MIRA 14:10)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova,
Ob'yedinennyy institut yadernykh issledovanii.
(Ytterbium-Decay) (Thulium-Decay) (Erbium-Decay)

ACCESSION NO.: APO1124

AUTHOR: Broder, C. T., "Frenemy,"

Source: *The New York Times*, 1988

TITLE: "The Department of the Truth"

TYPE: Syndicated Column

DATE: 1988-08-07
CITY: New York, NY, USA

NOTE: The author is a member of the
Senate Select Committee on Intelligence.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630010-9

Card 1/2

ACCIDENTAL RELEASE APPROVED

BY CIA AND APPROVED BY THE SECRETARY OF DEFENSE
May 9, 1986. This document contains neither recommendations
nor conclusions of the CIA. It has been reviewed by the CIA

APPROVED FOR RELEASE: 07/19/2001

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"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630010-9

(Nuclear research)

SUBJECT# 2024661

REF ID:

11 - 1 - 1

NP KEY WORD: 012

TYPE: A

10 - 2/2

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630010-9"

ZHELEVA

BULGARIA/Microbiology - Microorganisms Pathogenic to Humans
and Animals.

F-5

Abs Jour : Ref Zhur - Biol., No 3, 1958, 9948

Author : Grigorova, Zheleva, Yomtov

Inst : -

Title : Reactions with Hapten as a Method of Laboratory Diagnosis
of Dysentery.

Orig Pub : Tr. Respubl. n.-i. in-t epidemiol. i mikrobiol., 1955,
2, 59-65

Abstract : No abstract.

Card 1/1

ZHELEVA, Iv. zavezhdashch aptekata

Activities of the pharmacy of the First Pediatric Hospital in
Sofia. Farmatsiya, Sofia 5 no.3:39-42 My-Je '55.

(PHARMACY,

in pediatric hosp.)

(HOSPITALS,

pharm. in pediatric hosp.)

ZHELEVA, M.

SURNAME (in caps); Given Names

Country: Bulgaria

Academic Degrees: not indicated

Affiliation: not indicated

Source: Sofia, Khigiena, No 2, Mar/Apr 61, pp 35

Data: "The Impact of Prolonged Vacuum Preservation of Dehydrated Typhoid, Paratyphoid and Dysentery Bacteria on Their Immunologic Power and Virulence."

Co-author:

DANOV, At., Sofia

ZHELEVA, M.

Fests of stored farm produce. Prir 1 znanie 17 no.8;14-15
O '64.

BULGARIA / Microbiology. General Microbiology. Effect F
of External Factors. Disinfection.

Abs Jour : Ref. Zhur - Biol., No 21, 1958, No 95004
Author : Zheleva, Mariya Khr.
Inst :
Title : Influence of Vacuum Desiccation During Refrigeration on Some Properties of Microorganisms.
Orig Pub : Izv. Mikrobiol. in-t Bolg. AN, 1957, 8, 269-274

Abstract : The strains of microorganisms which were investigated preserved viability and did not change their morphological properties for 23 months after vacuum desiccation in a congealed condition.
-- From the author's resume.

Card 1/1

BULGARIA/Microbiology - Microbes Pathogenic for Man and Animals. F
Bacteria. Bacteria of the Intestinal Group!

Abs Jour : Ref Zhur Biol., No 22, 1958, 99410

Author : Zheleva, M.Kh.

Inst : Microbiological Institute of the Bulgarian Academy of Sciences.

Title : Experimental Preservation of Immunogenic and Virulent Properties of Typhoid, Paratyphoid and Dysentery Strains.

Orig Pub : Izv. Mikrobiol. in-t. B'lg. AN, 1957, 6, 275-281

Abstract : No abstract.

Card 1/1

ZHELEVA, Maria Khr.

An attempt to preserve the immunogenic properties and virulence of typhoid, paratyphoid and dysenterial strains. Isv. Mikrob. inst., Sofia no.8:275-281 1957.

1. ml. n. sutr. pri IDHIS.
(SHIGELLA DYSENTERIAE, culture,
preserv. of immunogenic & virulent properties (Bul))
(SALMONELLA TYPHOSE, culture,
same)
(SALMONELLA PARATYPHI, culture,
same)

ZHELEVA, Mariia Khr.

Effect of freeze-drying on some properties of microorganisms. Izv. Mikrob.
inst., Sofia no.8:269-274 1957.

1. ml. n. sutr. pri IDKIS
(MICROORGANISMS
eff. of freeze-drying)

ZHELEYEV, ALEKSANDR

Q-5

BULGARIA/Farm Animals - Swine.

Abs Jour : Ref Zhur - Biol., No 1, 1958, 2608

Author : Iordan Syarov, Aleksandr Zheleyev

Inst Title : The Results of an Industrial Cross Breeding of Pigs.

Orig Pub : Kooperat. zemledeliye, 1957, No 4, 26-27

Abstract : Describes the results of an industrial cross-breeding of the Bulgarian Improved White pigs with the Black Cornwall. The pure-bred animals and the hybrids were raised in similar conditions until they attained a live weight of 150 kilograms. Each group consisted of six pigs. When the experiment was started, the average weight of the pure-bred pigs was 16.2 kilograms, and the weight of the hybrids was 16.3 kilograms. For the first two months of the experiment, the pigs were fed prescribed rations, later they were allowed to eat at will. The food for pigs of various groups included the same amount of juicy foods, but the hybrids

Card Card 1/2

ZHELEZA, A. A.

USSR/Chemistry - Cations
Chemistry - Polarography

Nov/Dec 1947

"Systematic Analysis of Cations by the Polarographic Method," M. A. Kortnov, A. A. Zheleza,
State Order of Red Banner of Labor Institute of Applied Chemistry, 7 pp

"Zhur Analit Khim" Vol II, No 6

The influence of various factors on reduction potentials and the wave heights Cu, Bi, Cd, Pb, Fe, Cr, and Al are studied. With this it was established that: 1) $E_{\frac{1}{2}}$ does not depend upon the concentration of a determined ion if its concentration does not exceed 10^{-4} N. 2) The nature and concentration of the basic electrolyte influences the value of $E_{\frac{1}{2}}$ of the established ion. The change of $E_{\frac{1}{2}}$ depends upon the character of the process of interaction between the basic electrolyte and the determined ion and can attain the magnitude of 100 mv. It is necessary to consider this in practical polarographic analysis. 3) The wave height of a determined ion depends upon the nature and concentration of the basic electrolyte and therefore equivalent solutions in any concentration of a basic electrolyte can produce different wave heights.

PA 36T16

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630010-9

ZHELEZAROV, A.; TSOLOV, V.

The cactus. Prir i znanie 13 no.6:2-3 Je '60.
(Cactus)

(EEAI 10:1)

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630010-9"

ZHELEZAROV, Angel G.

Plants and ultrasonics. Prir i znanie 15 no.1:7-8 Ja '62.

"APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630010-9

ZHELEZAROV, Angel K.

The palms. Prir 1 znanie 15 no.9:8-10 N '62.

APPROVED FOR RELEASE: 07/19/2001

CIA-RDP86-00513R002064630010-9"

ZHELEZNOVA, T. G.

"A Comparative Appraisal of Auxiliary Methods of Examination After the
Recognition of Dysentery in Young Children." Cand Med Sci, Second Moscow
State Medical Inst imeni I. V. Stalin, 15 Dec 54. (VM, 3 Dec 54)

Survey of Scientific and Technical Dissertations Defended at USSR
Higher Educational Institutions (12)
SO: Sum. No. 556 24 Jun 55

IPATOV, P.; ZHELEZIN, V.

Higher education without a break in your work. Nauka i pered.op.v
sel'skokhoz.7 no.1:36-38 Ja '57. (MLRA 10:2)

1. Direktor Vsesoyuznogo sel'skokhozyaystvennogo instituta zaoch-
nogo obrazovaniya.
(Correspondence schools and courses)
(Agriculture--Study and teaching)

GLOTOV, V.N.; Prinimali uchastiye: VLADIMIROVICH, M.T.; IVANNIKOV, A.Ye.;
KIRZNER, N.A.; SOSIPATROV, V.A.; ZHELEZKOVA, M.I.

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Abs Jour : Rof. Zhur-Khimiya, No 12, 1958, 41178

Author : Zhelesku.

Inst : Not given

Title : The major field for the utilization of surface active agents.

Orig Pub : Standardizarea, 1957, 9, No 11, 544-548, 526.

Abstract : A list is given of the surface active agents which are used widely as washing agents, emulsifiers and the like; in the textile, fur, tanning, petroleum, ore mining, rubber, cosmetic, and metallurgical fields of industry; in farming, medicine, in the production of plastics, building materials, and the household articles.

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